Claims:

1. Process for setting anchors with a pipe (1) which has been folded lengthwise at least once, the pipe (1) being expanded by using internal pressure, after it has been pushed into a drilled hole, characterized in that after expanding the pipe (1) the internal pressure is raised until an end piece (13) provided on the inner end of the anchor opens and releases a connection between the interior of the pipe (1) of the anchor and the drilled hole and that then the hardening mass is pressed through the pipe (1), that the hardening mass fills empty spaces (8) between the front end of the pipe (1) and the drilled hole, gaps and cracks proceeding from the drilled hole and that finally the hardening mass is allowed to harden.

2. Process as claimed in claim 1, wherein a hydraulically binding mass is used as the hardening mass.

3. Process as claimed in claim 2, wherein a cement-based hydraulically binding mass is used as the hardening mass.

4. Process as claimed in claim 1, wherein a plastic is used as the hardening mass.

5. Process as claimed in claim 4, wherein a plastic which hardens by a chemical reaction is used.

6. Process as claimed in claim 5, wherein an epoxy resin is used.

7. Process as claimed in claim 4, wherein a plastic which is injected in molten liquid form is used as the hardening mass.

8. Process as claimed in one of claims 1 to 7, wherein to expand the pipe (1) a fluid, especially water under a pressure of 100-500 bars, is fed into the pipe (1) of the anchor.

9. Process as claimed in claim 8, wherein the pressure in the fluid added to expand the pipe (1) is increased after expanding the pipe (1) in order to open the end piece (13).

10. Process as claimed in one of claims 1 to 9, wherein the end piece (13) is opened by a rupture in the area of a predetermined breaking point (groove 17).

11. Process as claimed in one of claims 1 to 9, wherein the end piece (13) is opened by pressing out the sealing plug (21).

12. Anchor for use when the process as claimed in one of claims 1 to 11 is being carried out, having a pipe (1) which has at least one lengthwise fold (3), wherein on the back end of the pipe (1) to be inserted first into a drilled hole there is an end piece (13) which is closed for the time being, and wherein the end piece (13) can be opened under the action of the pressure prevailing in the pipe (1).

13. Anchor as claimed in claim 12, wherein on the two ends of the pipe (1) there are sleeves (7, 9) which are tightly connected to the pipe (1).

14. Anchor as claimed in claim 13, wherein the end piece (13) is connected to the sleeve (9) which is provided on the inner end of the pipe (1) of the anchor.

15. Anchor as claimed in one of claims 12 to 14, wherein the end piece (13) on its closed end (15) has a predetermined breaking point (groove 17).

16. Anchor as claimed in claim 15, wherein the end of the end piece (13) which is outside the predetermined breaking point (groove 17) has a tip (15).

17. Anchor as claimed in one of claims 12 to 16, wherein the end piece (13) has a plug (21) which is inserted into its outer end (19).

18. Anchor as claimed in claim 17, wherein the plug (21) is inserted, especially screwed, in

the area of the internally threaded end (19) of the end piece (13).

19. Anchor as claimed in one of claims 12 to 18, wherein the end piece (13) is a pipe which is connected to the inner sleeve (9) of the anchor.

20. Anchor as claimed in one of claims 12 to 19, wherein on the outer end of the pipe (1) of the anchor opposite the end piece (13) there is an adapter receiving piece (31) in which alternately an adapter (35) for feeding pressurized fluid and an adapter (37) for feeding the hardening, especially hydraulically binding mass, can be fixed.

21. Anchor as claimed in claim 20, wherein the adapter receiving piece (31) bears an inside thread (41) and wherein the adapter (35, 37) with an outside thread (39) can be screwed into the adapter receiving piece (31).

22. Anchor as claimed in claim 20 or 21, wherein the adapter (37) for feeding the hardening mass bears a quick coupling (38) for connecting a delivery hose for the hardening mass.

23. Anchor as claimed in one of claims 19 to 22, wherein there is a non-return valve (34) in the adapter receiving piece (31).